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**DECLARATION AND POWER OF** ATTORNEY FOR PATENT APPLICATION (37 CFR 1.63)

Declaration Submitted OR with initial

Filing

Declaration Submitted after Initial Filing (surcharge (37 CFR 1.18(e)) required)

Attorney Docket Number   42P16596  First Named Inventor   Muhammad M. Kheilah  COMPLETE IF KNOWN  Application Number   10/810,093  Filing Date   March 26, 2004  Art Unit   Evening Name				
COMPLETE IF KNOWN  Application Number 10/810,093  Filing Date March 26, 2004  Art Unit	Attorney Docket Numb	er	42P16596	
Application Number 10/810,093  Filing Date March 26, 2004  Art Unit	First Named Inventor	Μι	hammad M. Khellah	
Filing Date March 26, 2004 Art Unit	C	OM	PLETE IF KNOWN	
Art Unit	Application Number	10	/810,093	
	Filing Date	М	arch 26, 2004	
Framiner Name	Art Unit			
CXAMINOT IVALUE	Examiner Name			

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below, next to my name.

I believe I am the original, first and sole inventor (if only one name listed below) or an original and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

SRAM WITH FORWARD BODY BIASING TO IMPROVE READ O	ELL STABILITY
(Title of the Invention)	
he specification of which	
is attached hereto.	
OR	
☑ was filed on (if applicable):	
or as United States Application Number _ PCT International Application Number	10/810,093
and was amended on	(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment specifically referred to above.

I do not know and do not believe that the claimed invention was ever known or used in the United States of America before my invention thereof, or patented or described in any printed publication in any country before my invention thereof or more than one year prior to this application. I do not know and do not believe that the claimed invention was in public use or on sale in the United States of America more than one year prior to this application, nor do I know or believe that the invention has been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months (for a utility patent application) or six months (for a design patent application) prior to this application.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, Including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, or inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

1	oreign Application	Co	intry	Foreign Filing Da		riority	Certified Copy
	Number(s)	-	y	(MM/DD/YYYY)	Not	Claimed	Attached?
		1					☐ Yes ☐ No
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a part of tr substitutio	ns document) a	as my respec on, to prosec	tive pate ute this e	nt attorneys and opplication and t	patent	agents, v	d by reference a with full power o iness in the U.S
Direct all com	respondence to:	<b>⊠</b> : Customer	Number	08791	or 🔲 (	Correspond	ence address below
Name	Blakely, Sokoloff,	Taylor & Zafma	n LLP				
Address	12400 Wilshire Bo	oulevard, 7th Floo	or .				
City	Los Angeles		State	California		Zip Code	90025
City	Los Angeles			California (408) 720-8300		Zip Code Fax	90025 (408) 720-8383
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NAME OF SECOND INVENTOR:	s been filed for this undersigned inventor
	nesh Somasekhar
	nily Name (or Surname), and Suffix [if any])
Inventor's Signature Hulling	Date <u>6/15/2004</u>
Residence Hillsboro, Oregon USA	Citizenship India
(City . State, Country)  Mailing Address 19000.NW Evergroen, #231 2.8	(Country)
Hillsboro, Oregon 97124 USA	83 NW Adagio Way.
Emisiono, Orugai y/124 OSA	
NAME OF THIRD INVENTOR: A petition has	s been filed for this undersigned inventor
Full Name:	Yibin Ye
	ily Name (or Surname), and Suffix [[fany])
Inventor's Signature / Womin	Date6/15/04
Residence Hillsboro, Oregon USA	Citizenship China
(City , State, Country) Mailing Address 3081 NW Overlook Drive, #332	(Country)
Hillsboro, Oregon 97124 USA	
12m30x0, 010g0117/124 03A	
Full Name: A	been filed for this undersigned inventor
(First, Middle [if any], Fami	ly Name (or Surname), and Suffix [if any])
Inventor's Signature	Date
D 11 D 200	
Residence Beaverton, Oregon USA (City, State, Country)	Citizenship USA
Mailing Address 16720 SW Blackberry Lane	(Country)
Beaverton, Oregon 97007 USA	
Dationali, Oregan 77007 CSA	
NAME OF FIFTH INVENTOR:	been filed for this undersigned inventor
	njan H. Pandya
	y Name (or Surnanie), and Suffix [if any])
Inventor's Signature	Date
Residence Beaverton, Oregon USA	Citizenchio India
(City . State, Country)	Citizenship India (Country)
Mailing Address 4098 NW Kino Springs Place	( Country)
Beaverton, Oregon 97006 USA	
	· · · · · · · · · · · · · · · · · · ·

NAME OF SIXTH INVENTOR:	A petition has been	en filed for this undersigned inventor
Full Name:	Vive	k K. De
(Fi	si. Middle [if any], Family Na	me (or Surname), and Suffix [if any])
Inventor's Signature		Date 6/15/by
Residence Beaverton, Orseon USA	ate, Country)	Citizenship India (Country)
Mailing Address 9785 SW 151st A	venue	· (Country)
Beaverton, Oregon	197007 USA	
NAME OF SEVENTH INVENTOR:	A petition has bee	n filed for this undersigned inventor
Full Name:		
		ne (or Surname), and Suffix [if any])
Inventor's Signature		Date
Residence		Citizenship
(City . Sta	ite. Country)	(Country)
NAME OF EIGHTH INVENTOR: Full Name:		n filed for this undersigned inventor  (or Surname), and Suffix [if any])
Inventor's Signature		Date
Residence		Citizenship
Admiller Address	te, Country)	(Country)
NAME OF NINTH INVENTOR:	A petition has been	n filed for this undersigned inventor
Full Name:	A MESSAL FOR THE STATE OF THE STATE OF	
(Pirs	ı, mıaale [ij any], Family Nam	e (or Surname), and Suffix [if any])  Date
mventor 3 dignature		Date
Residence		Citlzenship
(City , State Mailing Address	e, Country)	(Country)
Docket No. 42P16596	<b>-4</b> -	·

	DECLARATION AND POWER OF		Attorney Docket Num	iber	42P16596	
ATTORNEY FOR PATENT APPLICATION (37 CFR 1.63)		First Named Inventor	M	uhammad M. Khellah	<u> </u>	
	(3)	CFR 1.03)		COM	PLETE IF KNOWN	
		Application Number	10	2/810,093	<del></del>	
Declaration Submitted	OR	Declaration Submitted after Initial	Filing Date	М	larch 26, 2004	_
with initial Filing	•	Filing (surcharge (37 CFR 1.16(a))	Art Unit			
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Examiner Name

#### As a below named inventor, I hereby declare that:

required)

My residence, mailing address, and citizenship are as stated below, next to my name.

I believe I am the original, first and sole inventor (if only one name listed below) or an original and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

SRAM WITH FOR	WARD BODY BLASING TO IMPROVE READ CELL STABILITY
	(Title of the Invention)
he specification of which	·
Is attached hereto.	•
OR	
was filed on (if applica	ble);
or <u>03/26/2004</u>	as United States Application Number
and was amended on	(if applicable)
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Print	oreign Application			Engles Cities E.			
	Number(s)	Cour	itry	Foreign Filing Date (MM/DD/YYYY)		riority Claimed	Certified Copy Attached?
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Name	Blakely, Sokoloff,	Taylor & Zafman	LLP				
Address	12400 Wilshire Bo	ulevard, 7th Floor				· · · · · ·	
City	Los Angeles		State	California		Zip Code	90025
Country		Te	elephone (	(408) 720-8300		Fax	(408) 720-8383
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NAME OF SECO	ND INVENTOR: A petition	on has been filed for this undersigned inventor
Full Name:		Dinesh Somasekhar
	(First, Middle [if an	y]. Family Name (or Surname), and Suffix (if any))
Inventor's Signat		Date
Residence Hill	Isboro, Oregon USA	Citizenship India
	(City , State, Country)	(Country)
Mailing Address	19000 NW Evergreen, #231	(Country)
	Hillsboro, Oregon 97124 USA	
NAME OF THIRD	INVENTOR: A petition	on has been filed for this undersigned inventor
Full Name:		Yibin Ye
	(First, Middle [if any	], Family Name (or Surname), and Suffix [if any])
Inventor's Signat		
Residence Hill	sboro, Oregon USA	Citizenship China
	(City, State, Country)	(Country)
Mailing Address	3081 NW Overlook Drive, #332	•
	Hillsboro, Oregon 97124 USA	
Full Name:		n has been filed for this undersigned inventor  All R. Farhang
	(First, Middle [if any	, Family Name (or Surname), and Suffix [if any])
Inventor's Signatu	ıre	Date
Residence Beav	rerton, Oregon USA	Citizenship USA
•	(City, State, Country)	(Country)
Mailing Address	16720 SW Blackberry Lane	<u></u>
	Beaverton, Oregon 97007 USA	
NAME OF FIFTH IN	NVENTOR: A petition	n has been filed for this undersigned inventor
Full Name:		Gunjan H. Pandya
		. Family Name (ar Surname), and Suffix [if any])
Inventor's Signatu	re grand	Date 6/2//2004
	erton, Oregon USA	Citizenship India
	(City, State, Country)	(Country)
Mailing Address	4098 NW Kino Springs Place  Beaverton, Oregon 97006 USA	4081 NW KIND SPRINGS PL.
Docket No. 42P16596		-3-

Residence Beaverton, Oregon USA (City , State, Country) Mailing Address 9785 SW 151st Avenue	Vivek K. De Family Name (or Surname), and Suffix [if any])
Residence Beaverton, Oregon USA  (City , State, Country)  Mailing Address 9785 SW 151st Avenue	Family Name (or Surname), and Suffix [if any])
Residence Beaverton, Oregon USA (City , State, Country)  Malling Address 9785 SW 151st Avenue	Date
(City , State, Country) Mailing Address 9785 SW 151st Avenue	Date
Mailing Address 9785 SW 151st Avenue	Citizenship India
	(Country)
Denimate A	
Beaverton, Oregon 97007 USA	
NAME OF SEVENTH INVENTOR: A petition h	no hoon filed for this wall at
	las bean filled for fills undersigned inventor
Full Name:	
(First, Middle [if any], Fi Inventor's Signature	amily Name (or Surname), and Suffix [if any])
and a digitature	Date
Residence	Citizenship
(City , State, Country)	(Country)
Malling Address	(Country)
*	
(First, Middle [if any], Fa	mily Name (or Surname), and Suffix [if any])
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(First, Middle [if any], Fanventor's Signature Residence	<b>D</b> 4
(First, Middle [if any], Fanventor's Signature Residence (City , State, Country)	Citizenship (Country)
Residence (City , State, Country)  Mailing Address  WAME OF NINTH INVENTOR:	Citizenship (Country)
(First, Middle [if any], Fantentor's Signature  Residence (City , State, Country)  Mailing Address  IAME OF NINTH INVENTOR:	Citizenship (Country)  as been filed for this undersigned inventor
(First, Middle [if any], Fantonian (First, Middle [if any], Fantonian (City , State, Country)  Mailing Address  IAME OF NINTH INVENTOR: A petition has full Name:	Citizenship (Country)
(First, Middle [if any], Fanton (First, Middle [if any], Fanton (First, Middle [if any]), Fanton (F	Citizenship (Country)  as been filed for this undersigned inventor  mily Name (or Surname), and Suffix (if any))

Examiner Name

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION (37 CFR 1.63)

Attorney Docket Number 42P16596

First Named Inventor Muhammad M. Khellah

COMPLETE IF KNOWN

Application Number 10/810,093

Filing Date March 26, 2004

Art Unit

Declaration-Submitted with Initial Filing

OR

Declaration
Submitted after Initial
Filling (surcharge
(37 CFR 1.18(e))
required)

#### As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below, next to my name.

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SRAM WITH FOR	WARD BODY BIASING TO IMPROVE READ CELL STABILITY
	(Nue of the Invention)
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ne specification of which	•
is attached hereto.	
OR	
was filed on (if applica	ble):
or <u>03/26/2004</u>	as United States Application Number10/810,093 PCT International Application Number
and was amended on	(if applicable)
ereby state that I have revie	wed and understand the contents of the above-identified

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment specifically referred to above.

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Prior Foreign Application			. Foreign Filing	D=4-1		
Number(s)	Count	ry	(MM/DD/YYY	I	Priority Not Claimed	Certified Copy Attached?
		,				Yes No
	}		1	ł		☐Yes ☐No
	ł		ſ	- }		Yes No
	ł			- i		☐Yes ☐No
I hereby appoint the person a part of this document) a	<u> </u>					☐Yes ☐No
Substitution and revocation Patent and Trademark Off Direct all correspondence to:	Customer Nu	1101041	08791	or [		ence address below
Name Blakely, Sokoloff, T	avlor & Zafman I.	f.Þ				
Address 12400 Wilshire Bou						
City Los Angeles	·	State (	California		Zip Code	90025
Country	Tele	phone (	408) 720-8300		Fax	(408) 720-8383
hereby declare that all statements made on informate the control of the control o	the knowledge prisonment, o rdize the valid	that w r both, ity of th	lilful faise statunder 18 U.S. e application (	ements C. 100° or any p	id further ti and the lik and that s patent issue	nat these se so made such willful ed thereon.
AME OF SOLE OR FIRST IN	IVENTOR:	] A peti	tion has been	filed fo	r this unde	rsigned inventor
Il Name:		Mul	ammad M. Khel	lah		
entor's Signatur <u>e</u>	(First, Middle [if	any], Fai	nily Name (or Surn Dat		i Suffix [if any]	<i>)</i>
sidence Lake Osweon Orer			•			
	On USA  State, Country)		Citiza	nship (	Camada	•

Docket No. 42P16596

Mailing Address

2 Jefferson Parkway, #A1 Lake Oswego, Oregon 97035 USA (Country)

NAME OF SECOND INVENTOR:	petition has been filed for this undersigned inventor
Full Name:	Dinesh Sameralhan
(First, Midal	le [if any], Family Name (or Surname), and Suffix [if any])
inventor's Signature	Date
	Date
Residence Hillsboro, Oregon USA	Citizenship India
(City . State, Count	(ry)
Mailing Address 19000 NW Evergreen, #231	
Hillsboro, Oregon 97124 US	SA .
	etition has been filed for this undersigned inventor
Full Name:	Yibin Ye
(First, Middle	[If any], Family Name (or Surname), and Suffix [if any])
Inventor's Signature	Date
David.	
Residence Hillsboro, Oregon USA	Citizenship China
(City , State, Country	(0)
Malling Address 3081 NW Overlook Drive, #3	32
Hillsboro, Oregón 97124 USA	
Full Name:	tition has been filed for this undersigned inventor  All R. Farhang
(Figst, Middle [ij	fany], Family Name (or Surname), and Suffix [if any])
Inventor's Signature Uli factor	
	Date 6/12/2004
Residence Beavenon, Oregon USA	Citizenship USA
(City, State, Country)	(Country)
Mailing Address 16720 SW Blackberry Lane	
Beaverton, Oregon 97007 USA	
IAME OF FIFTH INVENTOR: A peti	tion has been filed for this undersigned inventor
ull Name:	Gunjan H. Pandya
ventor's Signature_	any], Family Name (or Surname), and Suffix [if any])
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esidence Beaverton, Oregon USA	
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ull Name;		Vivek K. De	,
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	Beaverton, Oregon 97007 USA		
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#### Appendix A

I hereby appoint with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith, BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN, a firm including: William E. Alford, Reg. No. 37,764; Farzad E. Amini, Reg. No. 42,261; Anthony H. Azure, Reg. No. 52,580; W. Thomas Babbitt, Reg. No. 39,591; Jordan M. Becker, Reg. No. 39,602; Todd. M. Becker, Reg. No. 43,487; Michael A. Bernadicou, Reg. No. 35,934; Roger W. Biakeiy, Jr., Reg. No. 25,831; R. Alan Burnett, Reg. No. 46,149; Gregory D. Caldwell, Reg. No. 39,926; Thomas M. Coester, Reg. No. 39,637; Mimi D. Dao, Reg. No. 45,628; Stephen M. De Klerk Reg. No. 46,503; Daniel M. De Vos, Reg. No. 37,813; Sanjeet Dutta, Reg. No. 45,628; Stephen M. De Klerk Reg. No. 46,503; Daniel M. De Vos, Reg. No. 37,813; Sanjeet Dutta, Reg. No. 45,628; Stephen M. De Klerk Reg. No. 44,409; Thomas S. Earth. Pers. No. 46,563; Acadia t. Con Reg. No. 47,520; Acadia t. Con Reg. No. 48,503; Daniel M. De Vos, Reg. No. 47,520; Acadia t. Con Reg. No. 48,603; A Reg. No. 45,628; Stephen M. De Kierk, Reg. No. 46,503; Daniel M. De Vos, Reg. No. 37,813; Sanjeet Dutta, Reg. No. 46,145; Tarek N. Fahmi, Reg. No. 41,402; Thomas S. Ferrili, Reg. No. 42,532; Angelo J. Gaz, Reg. No. 45,907; Andre M. Gibbs, Reg. No. 47,593; James Y. Go, Reg. No. 40,621; J. Scott Heileson, Reg. No. 46,765; James A. Henry, Reg. No. 41,064; Willimore F. Holbrow III, Reg. No. 41,845; Sheryl Sue Holloway, Reg. No. 37,850; George W Hoover II, Reg. No. 32,992; Eric S. Hyman, Reg. No. 30,139; Walter T. Kim, Reg. No. 42,731; Eric T. King, Reg. No. 44,188; Steve Laut, Reg. No. 47,738; Suk S. Lee, Reg. No. 47,745; Gordon R. Lindeen III, Reg. No. 33,192; Jan C. Little, Reg. No. 41,181; Joseph Lutz, Reg. No. 43,765; Michael J. Maillie, Reg. No. 46,691; Andre L. Marais, Reg. No. 48,095; Raul D. Martinez, Reg. No. 48,904; Paul A. Mendonsa, Reg. No. 42,970; Jesephen S. Miller Reg. No. 48,695; Raul D. Martinez, Reg. No. 48,904; Paul A. Mendonsa, Reg. No. 42,970; Jesephen S. Miller Reg. No. 48,695; Raul D. Martinez, Reg. No. 48,904; Paul A. Mendonsa, Reg. No. 42,970; Jesephen S. Miller Reg. No. 48,695; Raul D. Martinez, Reg. No. 48,904; Paul A. Mendonsa, Reg. No. 48,691; Jesephen S. Miller Reg. No. 48,695; Reg. No. 48,904; Paul A. Mendonsa, Reg. No. 48,691; Jesephen S. Miller Reg. No. 48,695; Reg. No. 48,904; Paul A. Mendonsa, Reg. No. 48,691; Jesephen M. Molley Reg. No. 48,904; Paul A. Mendonsa, Reg. No. 48,691; Jesephen M. Molley Reg. No. 48,692; Dishard A. Meldonsa, Reg. No. 48,692; Jesephen M. Molley Reg. No. 48,692; Dishard A. Meldonsa, Reg. No. 48,693; Jesephen M. Molley Reg. No. 48,693; Dishard A. Meldonsa, Reg. No. 48,693; Jesephen M. Molley Reg. No. 48,693; Dishard A. Meldonsa, Reg. No. 48,693; Jesephen M. Molley Reg. No. 48,693; Jesephen M. Molley Reg. No. 48,694; Paul A. Meldonsa, Reg. No. 48,694; 42,879; Jonethan S. Miller, Reg. No. 48,534; Heather M. Molleur, Rag No. 50,432; Richard A. Nakashima, Reg. No. 42,023: Thinh V. Nguyen, Reg. No. 42,034; Robert B. O'Rourke, Reg. No. 46,972: Daniel E. Ovanezian, Reg. No. 41,238; Philip A. Pedigo, Reg. No. P-52,107; Marina Portnova, Reg. No. 45,750; James H. Salter, Reg. No. 35,668; William W. Schael, Reg. No. 39,018; James C. Scheller, Reg. No. 31,195; Kevin G. Shao, Reg. No. 45,095; Stanley W. Sokoloff, Reg. No. 25,128; Judith A. Szepesi, Reg. No. 39,393; Edwin H. Taylor, Reg. No. 45,USS; Stanley W. SOKOIOTI, Reg. No. 25,128; Juditn A. Szepesi, Reg. No. 39,393; Edwin H. Taylor, Reg. No. 25,129; Lisa Tom, Reg. No. P-62,291; Kerry D. Tweet, Reg. No. 45,959; Mark C. Van Ness, Reg. No. 39,865; Thomas A. Van Zandt, Reg. No. 43,219; Lester J. Vincent, Reg. No. 31,460; John P. Ward, Reg. No. 40,216; Mark L. Watson, Reg. No. 46,322; Thomas C. Webster, Reg. No. 46,154; C. Teresa Wong, Reg. No. 46,042; and Norman Zafman, Reg. No. 26,250; my patent attorneys, and Brent E. Vecchia, Reg. No. 48,011, and Lehua Wang, Reg. No. 48,023; my patent agents, with offices located at 34400 Wilshire Boutevard, 7th Floor, Wang, Reg. No. 46,023; my patent agents, with offices located at 12400 Whishire bothevard, An Floor, Los Angeles, California 90025, felephone (310) 207-3800. I also appoint Alan K. Aldous, Reg. No. 31,905; Rob D. Anderson, Reg. No. 33,828; Shireen I. Bacon, Reg. No. 40,494; Michael Barre, Reg. No. 44,023; Jay P. Beale, Reg. No. 50,801; R. Edward Brake, Reg. No. 37,784; Ben Burge, Reg. No. 42,372; Robert Chang, Reg. No. 42,372; Rob No. 48, 765; George Chen, Reg. No. 50,807; Glen B. Choi, Reg. No. 43,546; Kenneth Cool, Reg. No. 40,570; No. 48, 763; George Crient, Reg. No. 50,610; Robert Diehl, Reg. No. 35,118; Jeffrey S. Draeger, Reg. No. 41,000; Cyrithia Thomas Fastz, Reg No. 39,973; Christopher Gagne, Reg. No. 36,142; Sharmini N. Green, Reg. No. 41,410; Robert Greenberg, Reg. No. 44,133; Bradley Greenwald, Reg. No. 34,341; Libby Hope, Reg. No. 46,774; Jeffrey Robert Greenberg, Reg. No. 44,133; Bradley Greenwald, Reg. No. 34,341; Libby Hope, Reg. No. 46,774; Jeffrey B. Huter, Reg. No. 41,086; Seth Z. Kalson, Reg. No. 40,870; Peter Lam, Reg. No. 44,855; Issac Lin, Reg. No. 50,672; Anthony Martinez, Reg. No. 44,223; Molly McCall, Reg. No. 46,126; Larry Mennemeter, Reg. No. 51,003; Erik M. Metzper, Reg. No. 53,320; Paul Nagy, Reg. No. 37,898; Michael J. Neshelwat, Reg. No. 47,819; Dennis A. Nicholls, Reg. No. 42,030; Lanny Parker, Reg. No. 44,281; Alan Pedersen-Giles, Reg. No. 39,998; Michael D. Pilmier, Reg. No. 43,004; Michael Proksch, Reg. No. 44,281; Kevin A. Reif, Reg. No. 36,381; Crystal D. Sayles, Reg. No. 44,318; Russell Scott, Reg. No. 43,103; Kenneth M. Seddon, Reg. No. 43,105; Mark Seeley, Reg. No. 32,299; Aml P. Shah, Reg. No. 42,143; David Simon, Reg. No. 32,756; Steven P. Skabrat, Reg. No. 36,279; Paul E. Steiner, Reg. No. 41,326; Joni D. Stutman-Horn, Reg. No. 42,173; David Tran, Reg. No. 50,804; John F. Travis. Reg. No. 43,258; Stuart John F. Travis, Reg. No. 43,203; Robert Wawrzyn, Reg. No. 54,854; Calvin E. Weils, Reg. No. 43,258; Stuart Whittington, Reg. No. 45,215; Michael Willardson, Reg. No. 50,856; Robert Winkle, Reg. No. 37,474; Rita Wisor, Reg. No. 41,382; Sharon Wong, Reg. No. 37,760; and Steven D. Yates, Reg. No. 42,242; my patent attorneys, and my patent agents, of INTEL CORPORATION, with offices located at 2200 Mission College Blvd., Santa Clara, CA 95052, telephone (408)765-8080; and James R. Thein, Reg. No. 31,710, and John F. Kacvinsky, Reg. No. 40,040, my patent attorneys; with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.



### Title 37, Code of Federal Regulations, Section 1.56 Duty to Disclose Information Material to Patentability.

- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to petentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is cancelled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is cancelled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information, which is not material to the patentability of any claim existing claim. The duty to disclose all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by \$§1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or examine:
  - (1) Prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) The closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.
- (b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and
  - (1) It establishes, by itself or in combination with other information, a prime facie case of unpatentability of a claim; or
  - (2) It refutes, or is inconsistent with, a position the applicant takes in:
    - Opposing an argument of unpatentability railed on by the Office, or
    - (ii) Asserting an argument of patentability.

A prima facte case of unpatentability is established when the information compets a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

- (c) individuals associated with the filling or prosecution of a patent application within the meaning of this section are:
  - (1) Each inventor named in the application;
  - (2) Each attorney or agent who prepares or prosecutes the application; and
- (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by discioning information to the attorney, agent, or inventor.
- (e) In any continuation-in-part application, the duty under this section includes the duty to disclose to the Office all information known to the person to be material to patentability, as defined in paragraph (b) of this section, which became available between the filling date of the prior application and the national or PCT international filling date of the continuation-in-part application.